

ABSTRACT

Pharmaceutical agents, compositions containing the same and methods for their use for enhancing the bioavailability and pharmacological efficacy of therapeutic peptides. The pharmaceutical agents have the formula

Carrier — Linker — Peptide

Wherein Peptide is a therapeutically active peptide species having the formula aa_n wherein n is the number of amino acid residues in the peptide and n is 2 to 40, Carrier is benzoyl, phenylacetyl, cinnamoyl, 3-OH-cinnamoyl, 3,4-OH-cinnamoyl, 3,4-dimethoxycinnamoyl, 3,4-methylenedioxycinnamoyl, 3-methoxycinnamoyl, 3,4-diethoxycinnamoyl, 3,4,5-trimethoxy-cinnamoyl, *t*-butoxycarbonyl, benzyloxycarbonyl, pivaloyl, N-9-fluorenylmethoxycarbonyl, fumaroyl and derivatives thereof and Linker is a C6 to C16 lipidic chain or a derivative thereof, an 8-amino-3,6-dioxaoctanoic acid or polymeric derivative thereof, pseudo peptide, or peptide mimic. Methods of use of compositions having the formula Carrier — Peptide wherein Carrier and Peptide are as just defined are also disclosed.

HARTFORD: 612747.01